

Symposium: Vaccines and Global Health: COVID-19 Vaccine Development, Strategy and Implementation

The [Program in Vaccine Education](#) at the Columbia University Vagelos College of Physicians & Surgeons' mission is to educate medical students and to inform health care professionals, public health experts, academic, government and industry researchers, policy makers, global health non-governmental organizations, journalists, and the general public as to the cutting-edge advances and challenges in modern vaccine development.

The Columbia University convenors are Drs. Lawrence Stanberry (Co-Director, PVE), Philip LaRussa (Co-Director, PVE), Wilmot James (Associate Director, PVE), and Marc Grodman (Special Advisor, PVE). We have put together a group of 25 outstanding speakers who have been intimately involved with all aspects of COVID-19 vaccine development, strategy, and implementation. We are delighted to present this five-day virtual symposium at the cusp of the world's transition to controlling the COVID-19 pandemic.

Monday, February 22**National, Regional and Global Response to an Unprecedented Challenge**

12:00-12:10	Welcome: Lee Bollinger, JD – President, Columbia University
12:10-12:15	Moderator: Lawrence R. Stanberry, MD, PhD – Director of the Programs in Global Health, Columbia University Vagelos College of Physicians and Surgeons
12:15-12:45	Keynote: Sir Jeremy Farrar, BSc, MBBS, PhD – Director, Wellcome Trust <i>The Role of the Wellcome Trust in COVID-19 Vaccine Preparedness</i>
12:45-1:30	Speakers: <ul style="list-style-type: none">- Shabir Madhi, MBChB, MMed, FCPaed PhD – Professor of Vaccinology, University of the Witwatersrand – A South African Perspective on Vaccine Preparedness and Availability.- Nancy Messonnier, MD – Director, National Center for Immunization and Respiratory Diseases, US CDC – A US CDC Perspective on Vaccine Preparedness and Availability.- Youngmee Jee, MD, PhD – CEO, Institute Pasteur Korea – A South Korean Perspective on Vaccine Preparedness and Availability.- Cuauhtémoc Ruíz Matus, MD – Unit Chief, Comprehensive Family Immunization, PAHO – PAHO Perspective on Vaccine Preparedness and Delivery
1:30-2:00	Discussion

Tuesday, February 23**Global Solutions to an Unprecedented Demand**

12:00-12:05	Welcome: Anil K. Rustgi, MD – Interim Executive Vice President, CUIMC
12:05-12:15	Keynote: Tedros Ghebreyesus, MS, PhD – Director-General, World Health Organization <i>The Role of the WHO in COVID-19 Vaccine Development and Distribution</i>
12:15-1:00	Moderator: Philip LaRussa, MD – Department of Pediatric Infectious Diseases, CUIMC Speakers: <ul style="list-style-type: none">- Nicole Lurie, MD – Strategic Advisor, CEPI – Vaccine Nationalism, Global Preparedness and Delivery.- Seth Berkley, MD – CEO, GAVI, The Vaccine Alliance – The role of GAVI in Preparedness, Distribution and Access.- Samba Sow, MD, MSc – University of Maryland – Director-General, Center for Vaccine Development-Mali – Perspective on Vaccine Roll-out in West Africa.- Jeffrey Sachs, PhD – Columbia University – The International Financing of COVAX- Martina Szabo, MPH – Lead, Engagement and Strategy, COVID Action Platform, World Economic Forum – The Role of the WEF in Vaccine Distribution and Access.
1:00-2:00	Discussion

Wednesday, February 24**Ethical and Societal Challenges**

12:00-12:05	Welcome: Safwan Masri, PhD – Global Centers and Development EVP, Columbia University
12:05-12:35	Keynote: <i>Preparedness and Assuring Equitable Access: A Conversation with Melinda Gates</i> With Meg Tirrell, CNBC
12:35-1:20	Moderator: Wilmot James, PhD – Senior Research Scholar, Columbia ISERP Speakers: <ul style="list-style-type: none">- Ames Dhai, MD, LLM, PhD – Visiting Professor of Bioethics and Health Law at the School of Clinical Medicine, Faculty of Health Sciences, University of the Witwatersrand, Johannesburg – Ethical Challenges in Assuring Global Access to Vaccines: A View from the South.- Ruth Faden, MPH, PhD – Founder, Berman Institute of Bioethics, Johns Hopkins University – Ethical Challenges in Assuring Global Access to Vaccines: A View from the North.- Mukesh Chawla, PhD – Coordinator, Chief Advisor, Pandemic Emergency Financing Facility, World Bank – The World Bank’s Perspective on Assuring Global Access to Vaccines.- Peter Hotez, MD, PhD – Dean, National School of Tropical Medicine, Baylor College of Medicine – Assuring Vaccine Take-up and Use.
1:20-2:00	Discussion

Thursday, February 25**Government and Industry**

12:00-12:05	Welcome: Linda Fried, MD, MPH – Dean, Mailman School of Public Health, Columbia University
12:05-12:35	Keynote: Anthony Fauci, MD – Director, National Institute of Allergies and Infectious Disease, National Institute of Health <i>The Role of the NIAID-NIH in COVID-19 Vaccine Development</i>
12:35-1:20	Moderator: Wafaa El-Sadr, MD, MPA, MPH – Director, Columbia ICAP Speakers: <ul style="list-style-type: none">- George F. Gao, PhD – Director, China CDC – China’s Role in COVID-19 Vaccine Development.- Kathrin Jansen, PhD – Head of Vaccine Research and Development, Pfizer Inc. – An Industry Perspective on Vaccine Development.- Richard Hatchett, MD – CEO, Coalition for Epidemic Preparedness Innovations – CEPI’s Global Perspective on COVID-19 Vaccine Development.- Soumya Swaminathan, MD – Chief Scientist, WHO – The WHO’s Global Perspective on Vaccine Discovery and Development.
1:20-2:00	Discussion

Friday, February 26**A Most Remarkable Year in Vaccines**

12:00-12:10	Welcome: Ira Katznelson, PhD – Interim Provost, Columbia University
12:10-12:40	Keynote 1: <i>Operation Warp Speed – Lessons Learnt about Delivering Vaccines in the Midst of the COVID-19 Pandemic</i> Moncef Slaoui, MS, PhD – Former Director, Operation Warp Speed, US Government
12:40-1:10	Keynote 2: <i>Using Vaccines Optimally in the Future</i> Ezekiel Emanuel, MD, MSc, PhD – Vice Provost, Global Initiatives, University of Pennsylvania
1:10-1:45	Moderator: Marc Grodman, MD – Department of Medicine, Columbia University Vagelos College of Physicians and Surgeons; CEO, Genosity, Inc. Speakers: <ul style="list-style-type: none">- Margaret Hamburg, MD – Foreign Secretary, National Academy of Medicine – Response from a Former FDA Commissioner.- Stanley Bergman – Chairman of the Board and CEO, Henry Schein, Inc. – The Role of Public-private Partnership in Vaccine Distribution and Supply Chain.- John Nkengasong, MSc, PhD – Director, Africa CDC – Progress in and Challenges of Vaccine Distribution in Africa.
1:45-2:00	Discussion
2:00-2:30	<i>Reaching Nerd Immunity – A Journalist’s Perspective</i> <ul style="list-style-type: none">- Kai Kupferschmidt – Contributing Correspondent for <i>Science Magazine</i>
2:30-3:00	<i>State of Vaccinology in 2021: Where do we go from here?</i> <ul style="list-style-type: none">- Stanley Plotkin, MD – Emeritus Professor of Pediatrics, University of Pennsylvania

This is a preliminary agenda and may be subject to change.

Inquiries about the agenda and participation/registration should be sent to: nm3091@cumc.columbia.edu